4th primary

Lesson 1

Hundred thousands

1)Complete:-

a)The smallest six digits is ....

b)The smallest different 6-digits is ....

c) The greatest 6-digits is ....

d)The greatest different six digits is ....

2)write in words :-

a)504,607 is read as ....

b)100,241 is read as ....

c) 75,689 is read as ....

d)289,653 is read as ....

e)289,406 is read as ....

3)write digits" or in "numbers"

a)One hundred fifty thousands, nine hundred and forty ....

b)Four hundred seventy six thousand, one hundred and three ....

c) Seven hundred fifty two thousands and three hundred ....

d)Six hundred thirty thousands, four hundred and two...........................

e)Sixteen thousands, two hundred and eighteen ....

f) Two hundred thousands and eight ....

4)put [>, < or =]

a)842,710 842,714

b)624,316 642,613

c) 209,370 210,370

d)99,876 100,000

e)234,567 75,689

5)Arrange the numbers descending order :-

a)853,215 , 597,231 , 793,215 , 853,125

The order is .... , ... , ... , ...

b)628,71 , 520,714 , 525,076 , 362,871

The order is .... , ... , ... , ...

6)Choose the correct answer :-

a)3 hundred thousands, 5 ten thousands, 6 hundreds, 2 tens, 4 units =.................. (503,624 - 350,642 - 350,624 - 305,624)

b)150 thousands, 3 hundreds, 6 tens, 3 units = ... (150,336 - 150,363 - 150,326)

c)2 hundred thousands, 8 thousands, 2 hundreds, 7 tens = ... (208,270 - 282,207 - 280,207)

d)sixteen thousands, five tens and eight units = ... (106,508 - 16,580 - 160,58)

7)Write the place value of the underlined digits :-

a)423,567 ....

b)173,546 ....

c)564,032 ....

d)652,300 ....

8)Write the value of the underlined digit :-

a)243,728 ....

b)978,409 ....

c)250,324 ....

d)784110 ....

9) Write the following number :-

a) 680,317 = ... + ...+ .... + ... + ...

(in expanded form)

b) 129,459 = ... + ... + ... + ... + ... + ...

(in expanded form)

c) 900,000 + 10,000 + 30 + 1 = ... (compact form)

d) 500,000 + 30,000 + 2000 + 500 + 30 + 2 = ...

e) 100,000 + 4000 + 60 + 8 = ...

f) 60,000 + 2000 + 500 +1 = ...

g) 6 hundred thousands + one thousands + five hundred + 4 tens =

....

Lesson 2

Millions, ten millions and hundred millions

- *One million = 1,000,000 is the smallest seven digits*
- *Ten million = 10,000,000 is the smallest eight digits*
- *Hundred million = 100,000,000 is the smallest nine digits*

1) Write in digits :-

a) Forty-three million, one hundred thirty-two thousands, one hundred and seventy-three = ...

b) Nine hundred twenty-six million, one hundred twenty-three thousands, four hundred and fifty two =......................................

c) Six million, three hundred four thousands and nine = ...

d) Seventeen million, six thousands, two hundred and forty = ...

2) Write in words:-

a) 7 000 005 ....

b) 73 421 019 ....

e) 806 642 918 ....

f) 94 260 602 ....

3) Choose the correct answer:-

a) 9 millions, 50 thousands, 6 thousands, 3 hundreds, 6 tens and 3 units = ... (9,506,363 - 9,056,363 - 9,515,363)

b) 40,000,000 + 8,000,000 + 500,000 + 60,000 + 4000 + 300 + 10 + 2 = ... (408,564,312 - 48,564,312 - 480,564,312)

c) The number which lies between 372,000,799 and 372,000,801 is .... (372,100,799 - 372,001,802 - 372,000,800)

d) One million consist from .... Digits (6 - 7 - 8)

4) Complete :-

a) The even number just after 306,056,048 is ....

b) The greatest even nine digits is ....

c) The smallest odd seven digits is ....

d) The odd number just before 899,099,909 is ....

e) The greatest different odd six digit is ....

5) Write the following sum in digits :-

a) $\frac{1}{4}$ million pound = ...

b) $\frac{1}{2}$ million pound = ...

c) $\frac{3}{4}$ million pound = ...



6) Complete:-

a) 2 687 570 = ... million, ... thousand and ....

b) 11 752 314 = ... million, ... thousand and ....

c) 123 45 6 789 = ... million, ... thousand and ....

d) Ten million is the smallest number formed from .... digit

e) The digit that represent the million in the number 46 835 719 is ....

7) Put [< , > or =]

a) 37 458 210 .... 73 519 45

b) 94 985 072 .... 94 985 072

c) 3 million, 63 thousand and 217 .... 3 630 217

d) 100 ten thousands .... 1 million

e) The value of digit 6 in 571 600 254 .... The value of digit 6 in 61 708 425

Lesson 3

Milliards (billions)

- *Milliard = 1 000 000 000 is the smallest 10 digits*
- *Ten milliard = 10 000 000 000 is the smallest 11 digits*
- *Hundred milliard = 100 000 000 000 is the smallest 12 digits*

1) Complete :-

a) Three milliard, two hundred seventy, four million, four hundred seventy six thousands, one hundred and three = ...

b) Thirteen milliard, one hundred seven thousands and sixty = ...

c) Two hundred seven milliard, sixteen million, three hundred thousands and eight = ...

d) The place value of 5 in 5,637,404,128 is ....

e) The value of 8 in 287,460,002,005 is ....

2) Write in words:-

a) 24 237 846 089 ....

b) 102 300 008 450 ....

c) 9 246 000 000 ....

3) Choose the correct answer :-

a) 8 milliard, 106 million, 3 hundred thousands, 5 ten thousands, 6 hundred, 2 tens and 4 units = ...

(8,106,362,504 - 8,106,350,634 - 816,035,0624)

b) Three milliard, 4 hundred millions, two hundred thousands, 50 thousands, 5 hundreds, 6 tens, 3 units = ...

(3,400,250,363 - 4,300,250,363 - 2,401,350,363)

c) Two milliard, six hundred seven thousands, 2 hundred and eight = ... (2,607,208 - 2000,607,208 - 200,607,208)

d) The smallest ten different digits is ....

(123,456,789 - 102,345,6789 - 102,345,678)

e) The number which lies between 3201,593,401 and 3201,593,399 is .... (3,301,593,400 - 3,201,693,400 - 3,201,593,400)

4) Rearrange the cards to form the smallest and the greatest number

6 , 1 , 9 , 8 , 5 , 3 , 0 , 3 , 2 , 6

a) The smallest number is ....

b) The greatest number is ....

c) Find the difference between them ....



5) Complete :-

a) 17,278,104,362 = ... milliard, ... million, ...,
thousand and ....

b) 40,037,452,106 = ...milliard, ... million, ...,
thousand and ....

c) The smallest number formed from 3 , 5 , 9 , 2 , 6 , 4 , 7 and 8 is
....

d) Write the greatest number formed from 6 , 4 , 2 , 1 , 2 , 7 , 6 , 9 and 3
is ....

e) 2304,638 is read as ....

f) 72,105,238 .... million, ... Thousand, ... hundred,........ tens,
....

g) One hundred twenty five milliard, three hundred and ten is
....

h) Twenty milliard, Seven million, twenty five thousands and eight is
....

i) Four milliard, one hundred forty seven million, two hundred thousand
and eight is ....

j) Write the value of the digit 7 in the number 73 214 521 800 is
.... and its place value is ....

6) Write in numbers:-

a) .... = 9 milliard + 18 thousand + 72

b) .... = 40 milliard + 16 million + 4 thousand + 4

c) .... = 5 ten milliard + 2 hundred thousand + 8 thousand + 2 hundred + 9 units

d) 6,000,834 = 34 + ... + ...

e) 23,600,156 = 23,000,000 + ...+ ....

f) 346,100,287 = ... + ... + ...

g) 90,000,000 + 2,000,000 + 500,000 + 200 + 3 = ...

7) The odd number just before 9999,999,999 is ....

8)The even number just after 2546,017,378 is ....

Lesson 4

Adding and subtracting large numbers

1) Find the result:-

a) 30 849 528
+ 9 568 449

b) 8 248 327
+ 312 625
2 658 327

c) 2 834 829 + 231 288 = ……………………………………

d) One milliard + 370 thousand = ………………………

e) 7 437 498 – 7 381 299 = ……………………………

f) 7 008 193 – 819 485 = ……………………………

2) Find the missing number:-

a) ……………… - 999 998 = 6 098 656

b) 3 108 721 - ……………… = 2 857 101

c) 3 256 712 + ……………… = 7 807 300



3) Put (√) or (×): -

a) 1 000 001 - 1 = 1 ten million ( )

b) 2 565 178 - 1 million = 1 565 178 ( )

c) The value of digit 3 in the number 736 542 is thousand . ( )

d) 549 467 + one hundred thousand = 559 467 ( )

4) Find the number:-

a) If it is subtracted from milliard, the difference will be 758 209 209 312

....

b) If it is added to 7 812 159, the sum will be ten million ....

c) Find the number that if 5 147 154 is subtracted from it, the difference will be 3 613 173

....



5) Find the product of:-

a) 25 × 4 = ...

b) 657 × 7 = ...

c) 125 × 12 = ...

d) 16 × 12 = ...

e) 123 × 43 = ...

f) 4026 × 78 = ...

g) 1083 × 82 = ...

h) 555 × 89 = ...



6) Real life problems:-

a) A primary school is formed of 19 classes of 54 pupils each calculate the number of the pupils.

....

b) A man bought 98 meters of cloth for L.E 54 per meter. Find the total cost price.

....

c) If Mariam and 29 passengers travelled to Sharm el Shiekh by air and the price of the ticket was L.E 500. How much money did all passengers pay ?

....

d) Sara had L.E 2 million she bought a car for L.E 235 861 and a mobile for L.E 2500.

Find the remainder money with her.

....

Dividing a whole number by another

Notice that:

15 → Dividend	÷	3 → Divisor	= 5 → Quotient

- Divisor × quotient = dividend

Ex:

39 → Dividend	÷	4 → Divisor	=	9 → Quotient	r	3 → Remainder

- *(divisor × quotient) + remainder = dividend*

1) Find the result of each of the following:-

a) 90 ÷ 2 = ...

b) 847 ÷ 7 = ...

c) 684 ÷ 4 = ...

d) 1144 ÷ 8 = ...

e) 300 ÷ 12 = ...

f) 384 ÷ 16 = ...

g) 2736 ÷ 48 = ...

h) 7035 ÷ 35 = ...

2) Find the quotient and the remainder:-

a) 64064 ÷ 16 = ...

b) 2448 ÷ 24 = ...

c) 3423 ÷ 62 = ...

3) Complete:-

a) 3498 ÷ .... = 53

b) .... ÷ 37 = 318

c) When we divide 3 678 by 16, the quotient is .... and the remainder is ....

d) When we divide .... by 36, the quotient is 156 and the remainder is 15

e) Find the number that if we multiply by 54, the product is 4 158

....

f) Find the number that if we divide by 69, the quotient is 2 358

....



General revision on unit one

1) Find the result:-

a) 7 800 981 + 24 404 = ………………

b) 69 81 704 – 21 272 362 = ………….

c) 805 964 × 60 = ………………………

d) 78 269 × 35 = ………………………

e) 1856 ÷ 29 = …………………………

2) Choose the correct answe:-

a) 257 ÷ 50 = 5 and the remainder is …………………………… (7 - 8 - 9)

b) 8 000 hundred thousands = ………………………………….
(8 milliards - 8 millions - 800 millions)

c) The smallest seven digit is ………………………………….
(1 million - 10 million - 100 million)

d) 9000 thousands = ………………………… hundred thousand
(900 - 90 - 900000)

e) 10 billion, five hundred seventy two thousand = …………….
(10000000572 - 10000572000 - 10572000000)

3) Complete:-

a) 5 million + 12 thousand + 36 = ……………………………

b) 1 billion is the smallest ……………………… digit number

c) 125 million = ………………………………… thousand

d) 9 280 056 107 is read as ………………………………….

e) The value of digit 4 in 347 589 102 is ……………………..

f) The greatest even number formed from 9 different digits is ………………………..

g) Two billion, fifty seven million, two hundred thousand and twelve is ………………………………………………

h) The smallest even number formed from 5 , 8 , 4 , 2 , 6 , 9 , 0 is ……………….. and read as ……………………………

i) The place value of digit 5 in 540201 is ……………………

4) Story problem:-

If 768 pupils in a school are distributed equally among 24 classes.
Find the number of pupils in each class.

……………………………………………………………………



Unit 2

Relation between two straight lines

1) Complete:-

a) Any two straight line that never intersect are called.............................

b) Any two lines that intersect at a point and make four .... angle are called perpendicular.

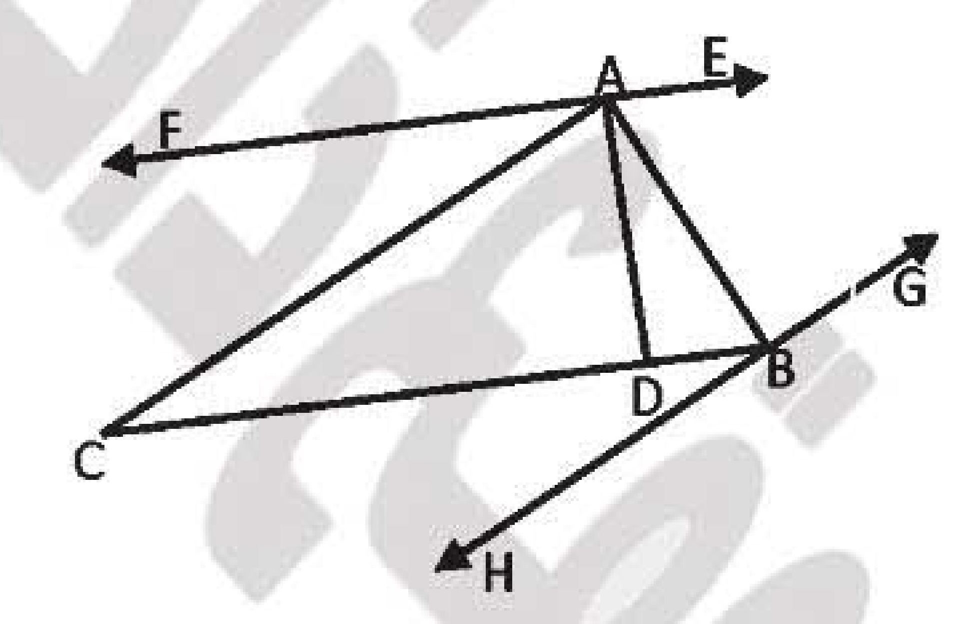
c) The two intersecting line intersect at .... point.

d) The two lines that intersect at a point and make four right angle is called ....

e) If one angle at the intersection point of the two lines is acute angle, then the two lines are called ....

f) The measure of the straight angle is .... and the measure of the right angle is ....

2) Complete using (⊥ or //) :-




a) $\overleftrightarrow{AC}$ .... $\overleftrightarrow{AB}$

b) $\overleftrightarrow{AE}$ .... $\overleftrightarrow{BC}$

c) $\overleftrightarrow{BH}$ .... $\overleftrightarrow{AB}$

d) $\overleftrightarrow{HB}$ .... $\overleftrightarrow{AC}$

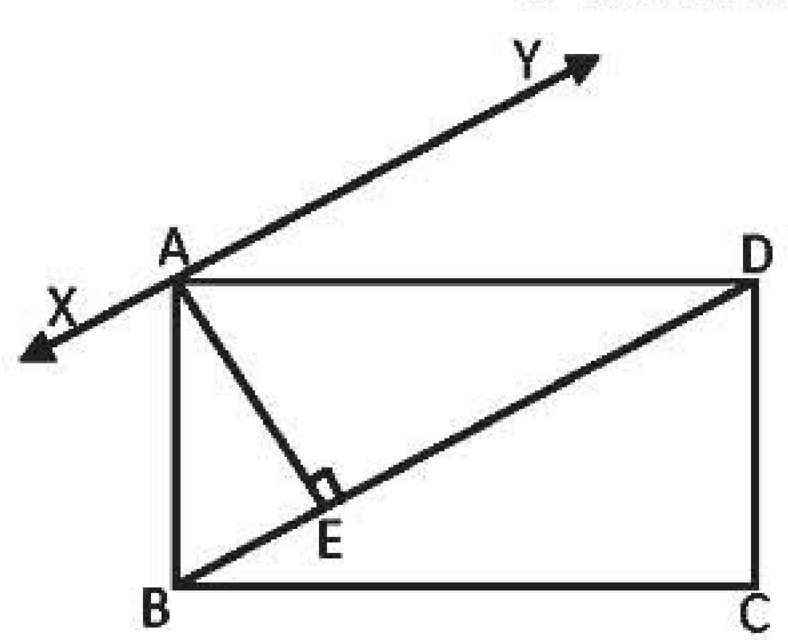
e) $\overleftrightarrow{AD}$ .... $\overleftrightarrow{CB}$

f) $\overleftrightarrow{DA}$ .... $\overleftrightarrow{FE}$ but $\overleftrightarrow{BC}$ .... $\overleftrightarrow{FE}$

g) $\overline{AC}$ intersects $\overleftrightarrow{FE}$ at the point ....

h) $\overleftrightarrow{HG}$ intersects $\overline{CB}$ at the point ....





3) Complete using (⊥ or //) :-

a) $\overleftrightarrow{AB}$ ⊥ ....

b) $\overleftrightarrow{AE}$ ⊥ ....

c) $\overleftrightarrow{BC}$ // ....

d) $\overleftrightarrow{XY}$ // ....

e) $\overleftrightarrow{YX}$ ⊥ ....

4) Complete the following:-

a) The polygon which has four sides is called a ....

b) In the square , all angles are .... angle.

c) Each two opposite sides are parallel in .... , ... , ... , ...

d) The four sides are equal in length in .... and ....

e) The diagonals in .... and .... are equal and bisect each other.

f) The diagonals are perpendicular in .... and ....

g) The sum of measures of the interior angles of any triangle is ....

h) The triangle whose side lengths are 7cm , 5cm and 7cm is called ....

i) In the Δ ABC , if m(∠ A) = 27˚ and m(∠ B)= 2m(∠ C) then m(∠ C) = ...˚

5) Complete by determine the type of the triangle:-

a) m(∠ X) = 46˚, m(∠ Y) = 38˚ and m(∠ Z) = 96˚ is .... angled Δ.

b) m(∠ H) = 70˚, m(∠ Y) = 50˚ and m(∠ Z) = 60˚ is .... angled Δ.

c) m(∠ A) = m(∠ B) = 45˚ and m(∠ C) = 90˚ is .... angled Δ.

d) m(∠ S) = 51˚, m(∠ T) = 67˚ and m(∠ U) = 62˚ is .... angled Δ.

e) m(∠ D) = 66˚, m(∠ E) = $\frac{1}{2}$ m(∠ D) is .... angled Δ.

f) AB = 6cm , BC = 7cm , CA = 6cm , then Δ ABC is .... triangle.

g) XY = 4cm , YZ = 8cm , ZX = 5cm , then Δ XYZ is .... triangle.

h) NO = 3cm , OR = 3cm , RN = 3cm , then Δ NOR is .... triangle.

i) MA = AY = 9cm and YM = 10cm ,then Δ MAY is .... triangle.

j) AM = 10cm , MR = 7cm , RA = $\frac{1}{2}$ AM ,thenΔ MAR is .... triangle.



Polygons

1) Complete:-

a) The triangle is a polygon with .... Sides, but the .... is a polygon with six sides.

b) The number of vertices of the heptagon is ....

c) In the square, all angles are .... angles.

d) The two diagonals of the rectangle are .... and ....

e) The polygon which has four sides is called ....

2) Choose the correct answer:-

a) In the square, the two diagonals are .... (⊥ , ≠ , <)

b) In the rectangles, all angles are .... angles. (right - acute - obtuse)

c) The four sides are equal in length in .... (square and rectangle - square and parallelogram - square and rhombus)

d) A quadrilateral that has only one pair of parallel sides is called .... (rhombus - parallelogram - trapezium)

e) The two lines that intersect and make four right angle is called .... (perpendicular - parallel - not perpendicular)



3) Put (√) or (×):-

a) The number of sides of a pentagon is seven. (   )

b) The number of sides of a quadrilateral is six. (   )

c) The number of diagonal of a rhombus is 2. (   )

d) The two perpendicular lines make 4 acute angles. (   )

e) The diagonals are equal in length in rectangle and square. (   )

4) Draw the square ABCD whose side length is 4 cm, and then complete:

a) AB = ... = ... = ... = ... cm.

b) AB .... and BC ....

c) AB ⊥ ...., CD and BD ⊥ ....

5) Draw the rectangle ABCD where AB = 4 cm. and BC = 3 cm, then draw the two diagonals AC and BD.

Find using the ruler the length of AC and BD, what do you notice?

6) Draw the rectangle XYZL in which its dimensions are 5 cm. and 2cm. then complete

a) XY = ... cm. and YZ = ... = ... cm
b) XY .... and XY ⊥ ....
c) YZ .... and YZ ⊥ ....



Unit 3

Multiples

- *If we multiply each whole number by the number we get the product.*
- *These products are called multiples.*
- *Ex: multiples of 2 is 0 , 2 , 4 ,6 , ...etc.*
- *So, the multiples of 2 are called even numbers.*
- *The multiples of 5 are the numbers whose unit digit is 0 or 5.*
- *Zero is a multiple of any number.*

1) Answer the following questions:-

a) Write the multiples of 3 less than 30 ....

b) Write the multiples of 5 lying between 10 and 40 ....

c) Write the common multiples of 2 and 3 less than 20 ....

d) Write the common multiples of 3 and 5 less than 50 ....

2) Circle the numbers which are:-

a) Multiple of the number 2 (17 - 5 - 26 - 8 - 3 - 15 - 20)

b) Multiple of the number 3 (16 - 18 - 10 - 21 - 12 - 22)

c) Multiple of the number 8 (12 - 16 - 20 - 24 - 32 - 36 - 46 - 48)

d) Multiple of the number 11 (23 - 0 - 33 - 41 - 51 - 77 - 100)

3) Circle the correct answer:-

a) .... is multiple of 6 (8 - 28 - 48 - 38)

b) .... is multiple of 7 (49 - 45 - 22 - 27)

c) .... is multiple of all numbers (0 - 2 - 1 - 10)



Divisibility

- *Any number is divisible by another if the remainder of the division is zero*
- *A whole number is divisible by 2 if the number is even number*
- *A whole number is divisible by 3 if the sum of its digits is divisible by 3*
- *A whole number is divisible by 5 if its unit digit is 0 or 5*
- *A whole number is divisible by 10 if its unit digit is 0*

1) Complete:-

a) Write 3 numbers which are divisible by both 2 and 3 .... , ... , ...

b) Write 3 numbers which are divisible by both 3 and 5 ....,..........,............

c) Any number that is divisible by 5 if its unit digit is .... or ....

d) The number is divisible by 2 if its unit digit is ....

2) Use the numbers 816 , 720 , 4955 and 1239 to complete:-

a) The numbers divisible by 2 are ....

b) The numbers divisible by 3 are ....

c) The numbers divisible by 5 are ....

3) Choose the correct answer:-

a) 105 is divisible by .... (2 , 3 or 2 , 5 or 5, 3)

b) The number .... is divisible by 3 (13 - 852 - 100 - 275)

c) All even number are divisible by .... (2 - 3 - 4)

d) .... Is divisible by 5 (125 - 371 - 268)

e) The number 651 is divisible by .... (2 - 3 - 5)

Factors and prime numbers

- *The number 1 is a factor of all numbers*
- *Zero is not a factor of any number*
- *Each number is a factor of its self*

1) Complete:-

a) Write the factors of number 9 are ………… , ………… , ………….

b) Write the factors of number 8 are ………….. , ………….. , ……… , ……….

c) Write the factors of number 12 are …….. , ……… , ……… , ……….. , …….. , ……….

d) Write the factors of number 36 are ….. , ….. , ….. , …… , …… , …… , ……. , ……. , ……..

e) 3 is one of the factors of the numbers ……….. , ………… , ……….

f) 6 is one of the factors of numbers ……….. , ………….. , ………….

2) Choose the correct answer :-

a) 5 is a factor of ……………….. (54 - 50 - 53)

b) The number 11 has …………… factor (2 - 3 - 4)

c) ……………. is a factor of all numbers (0 - 1 - 2)

d) ……………. is a factor of 20 (5 - 8 - 40)

e) The number which has only 2 factors is called …………….

(even - odd - prime)





3) Put (√) or (×):-

a) The number 7 has two factors only ( )

b) 3 and 7 are factors of the number 63 ( )

c) The factors of the number 18 are 2 , 3 , 6 , 9 and 18 only ( )

d) The prime number has only one factor ( )

e) All prime numbers are odd ( )

4) Underline the prime numbers of the following:-

5 , 2 , 21 , 23 , 9 , 1 43 , 33

5) Factorize each of the following numbers to its prime factor:-

a) 12 , 18 , 27 , 24

6) Find the number whose prime numbers are 2 , 2 and 3

7) Write the prime numbers that lying between 2 and 30

Highest common factor and lowest common multiples

H.C.F and L.C.M

1) Find the H.C.F of 15 and 25

2) Find the H.C.F of 4 and 12

3) Find the H.C.F of 28 , 42 and 48

4) Find the L.C.M of 6 and 9

5) Find the L.C.M of 6 , 10 and 15

6) Find the H.C.F and L.C.M of each of the following:-

a) 18 and 20

b) 25 , 30 and 45

c) 18 , 27 and 45





General revision on unit 2 and 3

1) Complete:-

a) The sum of measures of the interior angle of any triangle = ...
b) Pentagon has .... sides
c) The diagonals are equal in .... and ....
d) The triangle whose sides 5 , 5 and 6 is called ....
e) The smallest even prime number is ....
f) The two orthogonal lines make 4 .... angles
g) In ABC if measure ∠ A = 60˚ and measure ∠ B = 70˚ then measure ∠C =......˚
h) The smallest odd prime number is ....
i) The two diagonals of rectangle are .... and ....
j) The four sides are equal in length in .... and ....
k) The two diagonals of the parallelogram are .... and ....
l) The three sides are equal in length in the .... triangle
m) L.C.M of the two numbers 24 and 18 is ....

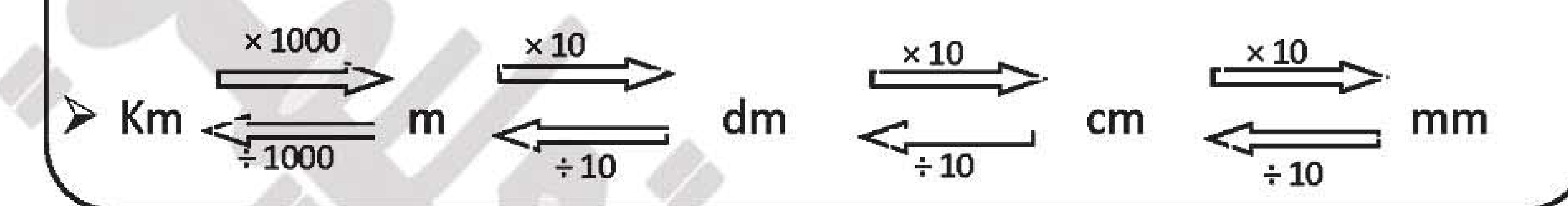
2) <u>Choose the correct answer</u> :-

a) The number 1 , 5 , 7 are .... (odd - even - prime)
b) The number 2 , 3 , 5 , 7 are .... (odd - even - prime)
c) 54 is a number that is divisible by .... (4 - 6 - 7)
d) The number of the factors of the prime numbers is .... (1 - 2 - 3)
e) Number of sides of any polygon does not equal number of its (diagonals - angles - vertices)
f) L.C.M for the numbers 8 , 12 is .... (24 - 48 - 4)
g) The number 15 is common multiple for the two numbers ...... (2 , 5 - 3 , 4 - 5 , 3)
h) .... is common multiple for all numbers (0 - 1 - 2)
i) .... is common factor of all numbers (0 - 1 - 2)
j) The smallest number divisible by 2 , 3 , 5 is .... (10 - 15 - 30)

Unit 4

Measurement Lengths

➢ The lengths are measured in units kilometer , Meter and Centimeter



➢ The perimeter of a square = side length × 4

➢ The perimeter of a rectangle = (length + width) × 2

1) <u>Complete</u>:-

a) 5 m = ... cm
b) 8 km = ... m = ...dm
c) 9 m = ... cm
d) 2 cm = ... mm
e) 7 m = ... dm = ... cm
f) .... m = 60 dm = ... cm
g) 2000 cm = ... m
h) 4000 m = ... km = ... dm

2) Arrange the following units in an ascending order:-

km , m , mm , dm

The order is ....

3) Calculate the perimeter of each of the following:-

a) A square whose side length is 7 cm

b) A rectangle whose side length is 5 cm and its width is 3 cm

c) A rectangle whose dimensions are 4 m and 200 cm

4) **Complete:**

a) 13km = ... m
b) 4 m = ... cm
c) 9 m = ... dm
d) 2 m = ... mm
e) 60 dm = ... cm
f) 9 m = ... dm = ... cm
g) 3000 m = ... km
h) 40 dm = ... m
i) 700 mm = ... dm
j) 500 m = ... cm
k) 200 cm = ... dm
l) 150 mm = ... cm
m) 70000 m = ... km
n) 50 cm = ... dm
o) 700 cm = ... dm

Remark

$\frac{1}{2}$ km = 500 m

$\frac{1}{4}$ km = 250 m

$\frac{3}{4}$ km = 750 m

5) **Put the sign < ,> or = :**

a) 3cm 3m

b) 5000 cm ...... 5 m

c) 15m ...... 150 km

d) 2 km ...... 2000 m

e) $\frac{1}{2}$ km ...... 500 m

6) Arrange in an ascending order :

Km , dm , m , cm , mm

The order: …….. , …….. , …….. , …….. , ……..

7) Complete:

1) Perimeter of square = ……… x ………

2) Perimeter of rectangle = (…… + ……) x ……

3) The side length of a square = …… ÷ ……

4) If the side length of a square is 5cm , then its perimeter = …… cm

5) If the perimeter of a square is 32cm , then its side length = …… cm

6) If the dimensions of a rectangle are 3cm and 4 cm , then its perimeter = …………… cm

7) The width of a rectangle whose perimeter is 40 cm and its length is 15cm = ……… cm

8) Which is greater

a)The perimeter of a rectangle of length 10 cm and its width is 5cm , or the perimeter of a square of side length 6cm .

b) The perimeter of a triangle of sides length 8cm , 6cm and 7cm or the perimeter of a square of side length 7cm.

c) A square of side length 5cm or an equilateral triangle whose side length is 7cm.



- **Area**

Units of measuring the area.

$$Km^2 \xrightarrow[\div 1000000]{X\,1000000} m^2 \xrightarrow[\div 100]{X\,100} dm^2 \xrightarrow[\div 100]{X\,100} cm^2 \xrightarrow[\div 100]{X\,100} mm^2$$

1) Complete:

a) 7 m^2 = ... cm^2

b) 9 km^2 = ... m^2

c) 4 m^2 = ... dm^2

d) 6 000 000 m^2 = ... km^2

e) 7 m^2 = ... dm^2

2) Put the sign < ,> or = :

a) 7 km^2 .... 7000 m^2

b) 6400 cm^2 .... 81 dm^2

c) 19 m^2 .... 190cm^2

d) 2500 mm^2 .... 25 cm^2

3) Complete:

a) .... is a unit of measuring perimeter.

b) .... is one of the units used for measuring area.

c) The area of a square of side length 5cm = ...cm^2

d) The area of a rectangle whose dimensions are 9 cm and 8 cm is =

.... cm^2

e) If the perimeter of a square is 24cm , then its side = ... cm



4) Choose the correct answer:

a) If the area of a square is 49 cm^2 , then its perimeter= ...... cm

(20 , 24 , 28 , 32)

b) If the dimensions of a rectangle are 6cm and 9cm , then its area = ... cm^2

(15 , 30 , 45 , 54)

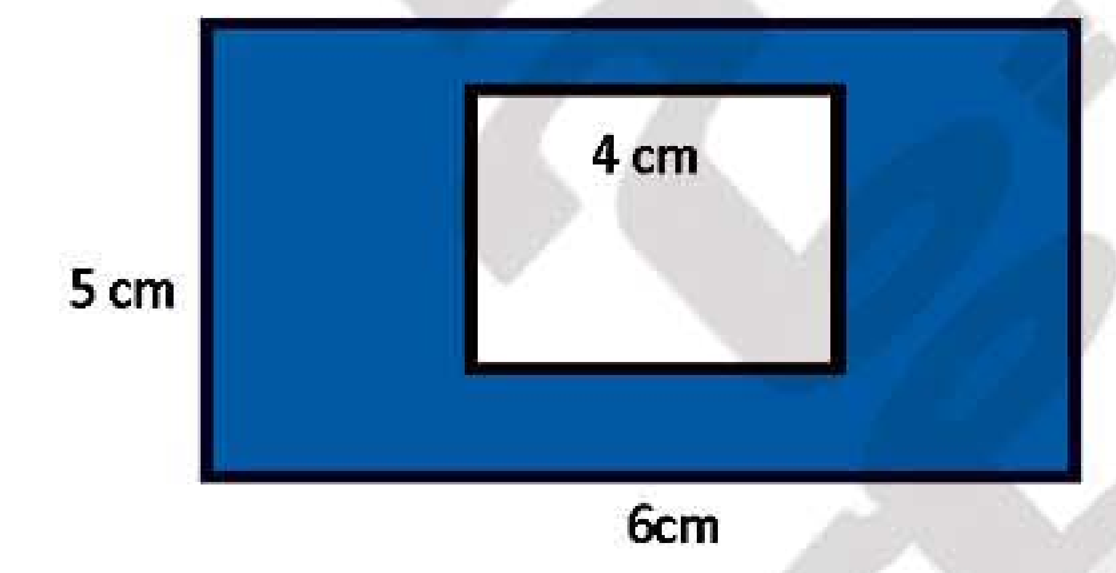
c) The Area of a square = ... (S – L , S x S , S x 4 , S + 4)

d) If the perimeter of an equilateral triangle is 12 cm then its side length is .... cm (3 , 4 , 36 , 9)

e) $\frac{1}{4}$ km = ... m (500 , 250 , 750 , 50)

f) 800 dm^2 .... 8 m^2 (< , > , =)

5) The opposite figure represent a rectangle whose dimensions are 6cm , 5cm with a square of side length 4cm inside it. Find the area of shaded part.



Model Answer

Page 1:

1) Complete

a. 1 00000 b. 102345 c. 999999 d. 987654

2) Write in words

a. five hundred and four thousands and six hundred and seven .

b. one hundred thousand and two hundred and forty one.

c. seventy five thousand and six hundred eighty nine.

d. two hundred eighty nine thousand and six hundred fifty three.

e. two hundred eighty nine thousand and four hundred and six.

3) Write in digits or in numbers:

a)150 940 b)476 103 c) 752 300 d) 630 402 e) 16 218 f) 200 008

4) put < , > , = :

a. < b. < c. < d. < e. >

Page 2:

5) Arrange in descending order :

a.853 215 , 853 125 , 793 215 , 597 231

b. 525 076 , 520 714 , 362 871 , 62 871

6) Choose :

a. 350 624 b. 150 363 c . 208 270 d. 16 058

7) write the place value:

a. thousand b. ten thousand c. hundred d. hundred thousand

8) write the value:

a. 40 000 b. 0 c. 0 d. 700 000

Page 3:

9) Write the following number:

a. 600 000 + 80 000 + 300 + 10 + 7

b. 100 000 + 20 000 + 9 000 + 400 + 50 + 9

c. 910 031 d. 532 532 e. 104 068 f. 62 501

g. 600 000 + 1000 + 500 + 40 = 601 540

Page 4:

1) write in digits:

a. 43 132 173 b. 926 123 452 c. 6 304 009 d. 17 006 240

2) write in words:

a. seven million and five

b. seventy three million , four hundred twenty one thousands and nineteen .

c. eight hundred and six million , six hundred forty two thousand and nine hundred eighteen

d. ninety four million , two hundred sixty thousand and six hundred and two

Page 5:

3) a. 9 056 363 b. 48 564 312 c. 372 000 800 d. 7



4) complete

a) 306 056 050 b) 999 999 998 c) 1 000 001 d) 899 099 907 e) 987653

5) complete:

a) 1/2 million = 500 000 b) 3/4 million = 750 000 c) 1/4 million = 250 000

Page 6:

6)complete:

a) 2 m , 687 th , 570 b) 11m , 752th , 314 c) 123m , 456th , 789

d) 8 e) 6 is the million , 4 is the ten million

7)put < , >

a) > b) = c) < d) = e) <

Page 7:

1)complete:

a) 3 274 476 103 b) 13 000 107 060 c) 207 016 300 008 d) milliard

e) 80 000 000 000

2) write in words:

a) 24 milliard , 237 million , 846 thousand and 89

b) 102 milliard , 300 million , 8 thousand and 450

c) 9 milliard , 246 million

Page 8:

3)choose:

a) 8 106 350 624 b) 3 400 250 563 c) 2 000 607 208 d) 1 023 456 789

e) 3 201 593 400



4) Rearrange:

a) 1 023 356 689

b) 9 866 533 210

c) 9 866 533 210 – 1 023 356 689 = 8 843 176 521

Page 9 , 5) complete:

a) 17 , 278 , 104 , 362 b) 40 , 37 , 452 , 106 c) 2346789 d) 976643221

e) 2 million , 304 thousand and 638 f) 72, 105, 2 , 3 , 8 g) 125 000 000 310

h) 20 007 025 008 i) 4 147 200 008 j) 70 000 000 000 , ten milliard

Page 10:

6) complete:

a) 9 000 018 072 b) 40 016 004 004 c) 50 000 208 209 d) 800+ 6 000 000

e) 600 000 + 156 f) 346 000 000 + 100 000 + 287 g) 92 500 23

7) 9999 999 997 8) 2546 017 380

P.11 :

1-a)40 , 317 , 977 b) 11 , 219 , 279 c) 3 , 066 , 117 d) 1 , 000 ,370 , 000

e) 56 , 199 f) 6 , 188 , 708

2- find the missing number:-

a) 7 , 098 , 654 b) 251 , 620 c) 4 , 550 , 588

P.12:

3-put √ or X a) X , b)√ , c)X , d) X

4- a) 241 , 790 , 688 b)2 , 187 , 841 c) 4 , 533 , 981

P .13 and 14 :

5-a)100 b)4599 c) 1500 d)192 e)5289 f)314028 g)8880S6 h)49395

6-a)1026 b)5292 c)15000 d)she paid 238361 , the left money = 1761639

P.15:-

1-a)45 b)121 c)171 d)143 e)25 f)24 g)57 h)201

2-a)4004 b)102 c)55 R13

a) 66 b)11766 c)229 R14 d)5631

p.16 :

1-a)7825385 b)14 , 290 , 658 c)48 , 357 , 840 d)2 , 739 , 415 e)64

2-a)R7 b)800millions c)1 million d)90 e)10 , 000 , 572 , 000

3-a)5,012,036 b)10 c)125000 d)9milliard,280millions,56thousands e)40000000 f)987,654,320 g)2,057,200,012 h)2,045,698 read as 2millions,45thousand and 698 i)H th 4) number of pupils = 32

P.19:

a)parallel b)right c)1 d)perpendicular e)intersect and not perpendicular f)180°....... 90°

2-a)⊥ b)∥ c) ⊥ d) ∥ e) ⊥ f) ⊥ , ∥ g) A h)B

P.20:

3-a)$\overleftrightarrow{BC}$ b)$\overleftrightarrow{BD}$ c)$\overleftrightarrow{AD}$ d)$\overleftrightarrow{BD}$ e)$\overleftrightarrow{AE}$

4-a)Quadrilateral b)right c)rectangle , square , rhombus , parallelogram d)square , rhombus e)square , rectangle f) square , rhombus g)180° h)isosceles i)51°

5-a)obtuse b)acute c)right or isosceles d)acute e)acute f)isosceles g)scalene h)Equilateral i)isosceles j)scalene

P.21:

a)3-hexagon b)7 c)right d)bisect each other- equal in length e)Quadrilateral

2) choose

a)perpendicular b) Right c) Square and rhombus d) Trapezium

e) Perpendicular

3) put right or wrong: a) x b) x c) √ d) x e) √

4) draw :

a) AB = CD = DA =4cm b) AB perpendicular c) AB parallel CD

6) XY = 5cm , YZ = XL = 2cm



Page 24 :

1) a)0,3,6,9,12,15,18,21,24,27 c) 6,12,18

b) 15,20,25,30,35 d) 15,30

2) circle the numbers:

a) 26,8,20 b) 18,21,12 c) 16,32, 48 d) 0,33,77

3) circle the correct answer:

a) 48 b) 49 c) 0

Page 25:

1) Complete :

a) 18,24,30 b) 15,30, 45 c) 0 , 5 d) even 0,2,4,6,8

2) a)816,720 b) 816,720 , 1239 c) 720 , 4955

3) a) 5,3 b) 852 c) 2 d)125 e) 3

Page 26:

1) Complete:

a) 1,9,3 b) 1,8,2,4 c) 1,12,2,6,3,4 d) 1,36,2,18,3,12,4,9,6

e) 6,9,12 f) 12,18,24

2) choose:

a) 50 b) 2 c) 1 d) 5 e) prime

Page 27:

3) put right or wrong:

a) right b) right c) x d) x e) x

4) underline the prime numbers: 5 ,2 , 23 , 43

5) Factorize

12= 2×2×3 18= 2×3×3 27=3×3×3 24= 2×2×2×3

6) 12 7) 3,5,7,11,13,19,23,29

Page 28,29:

1) H.C.F = 5 2) H.C.F= 4 3) H.C.F= 2 4) L.C.M = 18 5) L.C.M= 30

6) a) H.C.F= 2 , L.C.M=180 b) H.C.F=5 , L.C.M=450 c) H.C.F=9 , L.C.M= 270

Page 30:

1)complete:

a) 180 b)5 c) square, rectangle d) Isosceles e) 2 f) 3 g) Right

h) 50 i) 3 j) equal , not prep. Bisect each other. K) square, rhombus

l) not equal .not prep , bisect each other m) equilateral n) 72

2) choose

a) even b) prime c) 6 d) 2 e) diagonals f) 24 g) 5,3 h) 0

i) 1 j) 30

Page 31:

1) complete:

a) 500cm b) 8000m= 80 000 dm c) 900 d) 20 e) 70=700cm

f) 6 , 600 g) 20 h) 4 , 40 000

2) mm , dm , m , km

Page 32:

3) Calculate:

a) 7× 4 = 28 cm b) 16cm c) 200cm=2m , P= 16m

4)a)13000 b)400 c)90 d)2000 e)600 f)90 , 900 g)3

h)4 i)7 j)50000 k)20 l)15 m)70 n)5 o)70

5) a)< b)> c)< d)= e)=

Page 33:

6)order mm , cm , dm , m , km

7)1)side × 4 2)(L +W)×2 3)p÷4 4)20cm 5)8cm 6)14cm 7)5cm

8)a)rectangle b)square c)equilateral triangle

Page 34:

1)a)70000 b)9000 000 c)400 d)6 e)700

2)a)> b)< c)> d)=

3)a)cm b)cm^2 c)25 d)72 e)6cm

Page 35:

4)a)28 b)54 c)ss d)4 e)250 f)=

5)area of rectangle = 6x5 = $30cm^2$

Area of square = 4x4 = 16 cm^2

Area of shaded part = 30 – 16 = $14cm^2$

